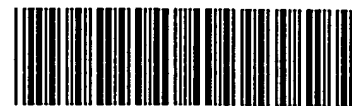


RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/536,880A
Source: IFWP
Date Processed by STIC: 8/14/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/536,880A

TIME: 13:33:58

Input Set : A:\272924US0PCT.ST25.txt

Output Set: N:\CRF4\08142006\J536880A.raw

3 <110> APPLICANT: Onoue, Satomi
4 Endo, Kousuke
5 Matsumoto, Asami
7 <120> TITLE OF INVENTION: PEPTIDES AND MEDICINAL COMPOSITIONS CONTAINING
THE SAME
9 <130> FILE REFERENCE: 272924US0PCT
11 <140> CURRENT APPLICATION NUMBER: 10/536,880A
12 <141> CURRENT FILING DATE: 2005-05-27
14 <150> PRIOR APPLICATION NUMBER: PCT/JP03/14924
15 <151> PRIOR FILING DATE: 2003-11-21
17 <150> PRIOR APPLICATION NUMBER: JP 2002-344523
18 <151> PRIOR FILING DATE: 2002-11-27
20 <160> NUMBER OF SEQ ID NOS: 34
22 <170> SOFTWARE: PatentIn version 3.3
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 27
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
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30 <223> OTHER INFORMATION: Synthetic Peptide
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35 <222> LOCATION: (5)..(5)
36 <223> OTHER INFORMATION: Xaa = Val or Ile
38 <220> FEATURE:
39 <221> NAME/KEY: MISC_FEATURE
40 <222> LOCATION: (8)..(8)
41 <223> OTHER INFORMATION: Xaa = Asp, Glu or Ala
43 <220> FEATURE:
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45 <222> LOCATION: (9)..(9)
46 <223> OTHER INFORMATION: Xaa = Asn or Ser
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49 <221> NAME/KEY: MISC_FEATURE
50 <222> LOCATION: (11)..(11)
51 <223> OTHER INFORMATION: Xaa = Thr or Ser
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54 <221> NAME/KEY: MISC_FEATURE
55 <222> LOCATION: (13)..(13)
56 <223> OTHER INFORMATION: Xaa = Leu or Tyr
58 <220> FEATURE:
59 <221> NAME/KEY: MISC_FEATURE
60 <222> LOCATION: (15)..(15)
61 <223> OTHER INFORMATION: Xaa = Lys or Arg

P.6

RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/536,880A

TIME: 13:33:59

Input Set : A:\272924US0PCT.ST25.txt

Output Set: N:\CRF4\08142006\J536880A.raw

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 65 <222> LOCATION: (17)..(17)
 66 <223> OTHER INFORMATION: Xaa = Leu or Nle
 68 <220> FEATURE:
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 70 <222> LOCATION: (20)..(20)
 71 <223> OTHER INFORMATION: Xaa = Lys or Arg
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 74 <221> NAME/KEY: MISC_FEATURE
 75 <222> LOCATION: (21)..(21)
 76 <223> OTHER INFORMATION: Xaa = Lys or Arg
 78 <220> FEATURE:
 79 <221> NAME/KEY: MISC_FEATURE
 80 <222> LOCATION: (26)..(26)
 81 <223> OTHER INFORMATION: Xaa = Ile or Val
 83 <220> FEATURE:
 84 <221> NAME/KEY: misc_feature
 85 <222> LOCATION: (27)..(27)
 86 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
 88 <400> SEQUENCE: 1

W--> 90 His Ser Asp Ala Xaa Phe Thr Xaa Xaa Tyr Xaa Arg Xaa Arg Xaa Gln

91 1 5 10 15

94 Xaa Ala Val Xaa Xaa Tyr Leu Ala Ala Xaa Xaa

95 20 25

98 <210> SEQ ID NO: 2

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104 <223> OTHER INFORMATION: Synthetic Peptide

107 <220> FEATURE:

108 <221> NAME/KEY: MOD_RES

109 <222> LOCATION: (28)..(28)

110 <223> OTHER INFORMATION: Amidation

112 <400> SEQUENCE: 2

114 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln

115 1 5 10 15

118 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn

119 20 25

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123 <211> LENGTH: 27

124 <212> TYPE: PRT

125 <213> ORGANISM: Artificial Sequence

127 <220> FEATURE:

128 <223> OTHER INFORMATION: Synthetic Peptide

131 <220> FEATURE:

132 <221> NAME/KEY: MOD_RES

133 <222> LOCATION: (27)..(27)

RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/536,880A

TIME: 13:33:59

Input Set : A:\272924USOPCT.ST25.txt

Output Set: N:\CRF4\08142006\J536880A.raw

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143          20          25
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157 <222> LOCATION: (38)..(38)
158 <223> OTHER INFORMATION: Amidation
160 <400> SEQUENCE: 4
162 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln
163 1          5          10          15
166 Met Ala Val Lys Lys Tyr Leu Ala Ala Val Leu Gly Lys Arg Tyr Lys
167          20          25          30
170 Gln Arg Val Lys Asn Lys
171          35
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185 <222> LOCATION: (31)..(31)
186 <223> OTHER INFORMATION: Amidation
188 <400> SEQUENCE: 5
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191 1          5          10          15
194 Leu Ala Val Arg Arg Tyr Leu Asn Ser Ile Leu Asn Gly Arg Arg
195          20          25          30
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199 <211> LENGTH: 30
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204 <223> OTHER INFORMATION: Synthetic Peptide
207 <220> FEATURE:
208 <221> NAME/KEY: MOD_RES
209 <222> LOCATION: (30)..(30)
210 <223> OTHER INFORMATION: Amidation
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RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/536,880A

TIME: 13:33:59

Input Set : A:\272924US0PCT.ST25.txt

Output Set: N:\CRF4\08142006\J536880A.raw

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214 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Arg Gln
215 1          5          10          15
218 Leu Ala Val Arg Arg Tyr Leu Ala Ala Val Leu Gly Arg Arg
219          20          25          30
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233 <222> LOCATION: (38)..(38)
234 <223> OTHER INFORMATION: Amidation
236 <400> SEQUENCE: 7
238 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Arg Gln
239 1          5          10          15
242 Leu Ala Val Arg Arg Tyr Leu Ala Ala Val Leu Gly Arg Arg Tyr Arg
243          20          25          30
246 Gln Arg Val Arg Asn Arg
247          35
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252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
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261 <222> LOCATION: (25)..(25)
262 <223> OTHER INFORMATION: Amidation
264 <400> SEQUENCE: 8
266 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
267 1          5          10          15
270 Met Ala Val Lys Lys Tyr Leu Asn Ser
271          20          25
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275 <211> LENGTH: 25
276 <212> TYPE: PRT
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285 <222> LOCATION: (17)..(17)
286 <223> OTHER INFORMATION: Oxidation
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290 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
291 1          5          10          15

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RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/536,880A

TIME: 13:33:59

Input Set : A:\272924US0PCT.ST25.txt

Output Set: N:\CRF4\08142006\J536880A.raw

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309 <222> LOCATION: (23)..(23)
310 <223> OTHER INFORMATION: Amidation
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315 1             5             10             15
318 Leu Ala Val Lys Lys Tyr Leu
319             20
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324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Synthetic Peptide
331 <220> FEATURE:
332 <221> NAME/KEY: MOD_RES
333 <222> LOCATION: (23)..(23)
334 <223> OTHER INFORMATION: Amidation
336 <400> SEQUENCE: 11
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339 1             5             10             15
342 Leu Ala Val Arg Arg Tyr Leu
343             20
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355 <220> FEATURE:
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357 <222> LOCATION: (28)..(28)
358 <223> OTHER INFORMATION: Amidation
360 <400> SEQUENCE: 12
362 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
363 1             5             10             15
366 Leu Ala Val Lys Lys Tyr Leu Ala Ala Ile Leu Asn
367             20             25
370 <210> SEQ ID NO: 13
371 <211> LENGTH: 30

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/536,880A

DATE: 08/14/2006
TIME: 13:34:00

Input Set : A:\272924US0PCT.ST25.txt
Output Set: N:\CRF4\08142006\J536880A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220>

to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 5, 8, 9, 11, 13, 15, 17, 20, 21, 26, 27

Seq#:17; Xaa Pos. 17

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/536,880A

DATE: 08/14/2006

TIME: 13:34:00

Input Set : A:\272924US0PCT.ST25.txt

Output Set: N:\CRF4\08142006\J536880A.raw

L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

M:341 Repeated in SeqNo=1

L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16